MR2349-741 S.N. 10/002,104 Amendment After Final dated 5 September 2003 Reply to Office Action of 20 June 2003

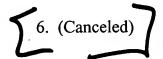
IN THE CLAIMS:

This listing of Claims will replace all prior versions, and listings, of Claims in the subject Patent Application:

Listing of Claims:

3. (Newly amended) The multipurpose input device as recited in Claim 7, wherein said magnetic core has a coil frame or package mechanism to isolate said magnetic core from said electrical leads portions.

5. (Previously presented) The multipurpose input device as recited in Claim 7, wherein said coil is formed by helically disposing a first coil portion having a first number of turns about a second coil portion having a second number of turns, said first number of turns being less than said second number of turns.



7. (Currently amended) A multipurpose input device for coupling an AC input source to a DC circuit, the multipurpose input device comprising:

a magnetic core, said magnetic core <u>having</u> characterized by high magnetic permeability; a pair of electrical leads <u>portions</u> extending therefrom;

a coil having a predetermined electrical resistance between first and second terminals portions thereof, said first and second terminals portions being electrically coupled to a corresponding ones of said pair of electrical leads portions, said coil being constructed from a fusible material and helically disposed about said magnetic core, said fusible material causing an open circuit in said coil upon the flow of a predetermined electrical current therethrough for limiting current flow to levels below said predetermined electrical current; and,

a protective covering layer coated onto said coil.

8. (Previously presented) The multipurpose input device as recited in Claim 7, wherein said magnetic core is characterized by high electrical resistance.

